

(19)  **Europäisches Patentamt**
European Patent Office
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(11) **EP 0 964 431 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
22.03.2000 Bulletin 2000/12

(51) Int. Cl.7: **C03C 3/091, H01J 61/34**

(43) Date of publication A2:
15.12.1999 Bulletin 1999/50

(21) Application number: **99110857.2**

(22) Date of filing: **07.06.1999**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE
 Designated Extension States:
AL LT LV MK RO SI

(30) Priority: **12.06.1998 JP 16492298**
20.11.1998 JP 33064698

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(54) **Discharge lamp**

(57) A discharge lamp comprising an arc tube containing a pair of electrodes in a light-emitting portion and an outer tube that envelops the light-emitting portion and is at least partly fused to the arc tube, wherein the outer tube comprises silicon dioxide in the range from 90 to 99.88 wt. % and boron in the range from 0.12 wt. % or more. The discharge lamp can inhibit the arc tube from deforming when the outer tube and arc tube are fused to each other by adjusting a softening temperature of the outer tube to an appropriate temperature and can realize a high accuracy of luminous intensity distribution.

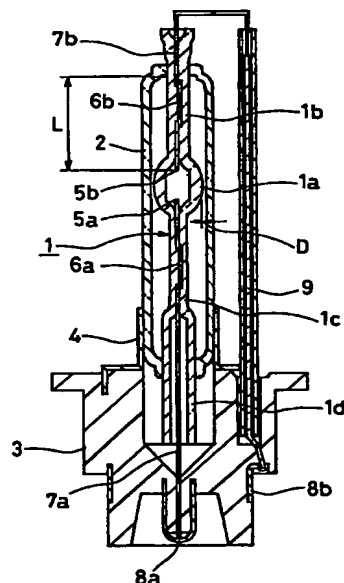


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 6)
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
VIENNA		13-12-1999	SCHLECHTER
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 (01.02.1999)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO. EP 99110857.2**

This annex lists the patent family members relating to the patent documents cited in the above-mentioned search report.
The members are as contained in the EPI006 (INPADOC) file on 16.12.1999.
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For more details about this annex see Official Journal of the European Patent Office, No. 12/82.